

HUGE CASTINGS—Precision fitting a shaft into a stainless steel impeller for a centrifugal pump at the Torrance plant of the National Supply Company. More than 78 inches in diameter, and weighing approximately 9250 pounds, the impeller is one of six manufactured for Byron Jackson pumps used in the Colorado River Aqueduct system.

### National Supply Delivers 19-Ton Steel Castings for Water Project

Six steel castings weighing more than 19 tons each, and regarded as among the largest and most intricate that can be produced anywhere, have been completed at the Torrance plant of The National Supply Company.

These castings are cases for pumps to be used in the Colorado River Aqueduct System. Each casting has an outside diameter of approximately 10 feet and has a diameter of more than 14 feet over the discharge section. Each was cast in molding pits, requiring 89 separate cores, and then was machined and assembled with other components of the pump.

The cases were manufactured for Byron Jackson Pumps, Inc., which designed and installed the pumps for the Intake and Gene Pumping Stations of the aqueduct system. Work on the system was started in 1932 and when completed will represent one of the greatest engineering achievements of all time. Colorado River water will be lifted a total of 1,000 feet over mountain barriers while being carried 500 miles to locations in Southern California.

Installation of three additional pumps at each station will increase each station capacity to 831,000 gallons per minute as the new pumps have a capacity of 97,000 gallons per minute.

The Torrance plant also manufactures stainless steel impellers for the six new pumps. Slightly more than 78 inches in diameter and weighing approximately 9250 pounds each, these are believed to be the largest stainless steel impellers for centrifugal pumps ever manufactured in the United States. All passages, including the vanes, were hand finished and polished and dynamically balance.

### Moose Lodge to Sponsor March of Dimes Dance

Plans for Saturday's dinner-dance and the annual "March of Dimes" fund raising dance Feb. 7 were announced this week by Mike Cicero, chairman of the Torrance Moose Lodge entertainment committee.

A chicken dinner, open to the public, will be served by a joint committee of Lodge and Women of the Moose members, under the direction of George Clay at the Lodge Hall, 1744 W. Carson St., starting at 6 p.m. Music for dancing, following next Saturday's dinner, will be provided by Tom Ulrich and his orchestra.

Cicero revealed that the annual "Dance of Dimes," a polio-fighting, fund-raising project promoted each year by the Torrance Moose Lodge, will be held Feb. 7 at the Lodge Hall. A donation of 50c per person will be turned over to the Torrance chapter of the March of Dimes. Tickets are now on sale.

The Moose Lodge entertainment chairman is being aided in planning programs by a committee consisting of Hank Craab, Carter Dow, Roger Evans, Newton Mazzola, Violet Graab and Virginia Dow.

A roller-skating party for lodge and chapter members and their friends has been tentatively scheduled for the third week in February.

### Ablard Chosen by Fraternity

Kenneth D. Ablard, Torrance student at the University of California, Davis, has been elected into Alpha Zeta, national honorary agricultural fraternity.

He was one of 24 students elected into the Gamma chapter at Davis. Members are chosen on the basis of scholarship, leadership and character.

Ablard, a senior majoring in Agronomy, is the son of Mr. and Mrs. Louis Ablard of 2107 Cabrillo Ave.

REGISTRATION STARTS  
Registration for new students for the spring semester at Harbor College is now in progress from 3 to 4:30 and from 6 to 8 p.m. and will continue through Friday, Jan. 23. Dean of Admissions and Guidance William H. McMasters said today.

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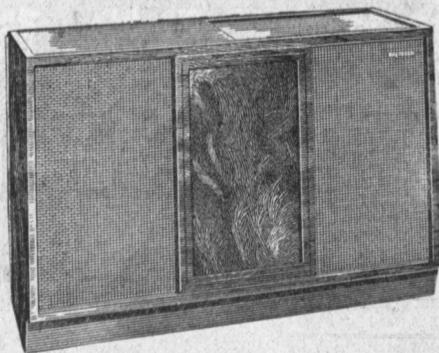
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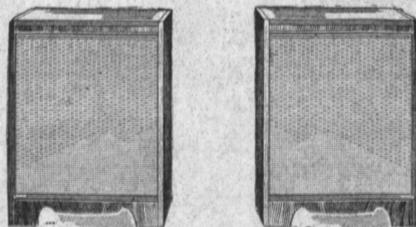
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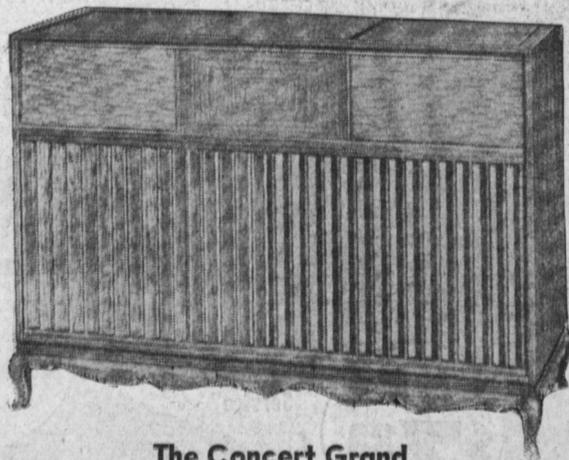
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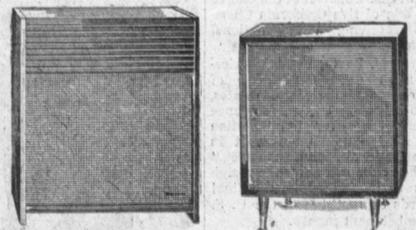
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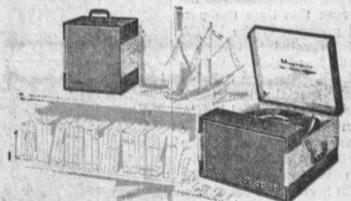
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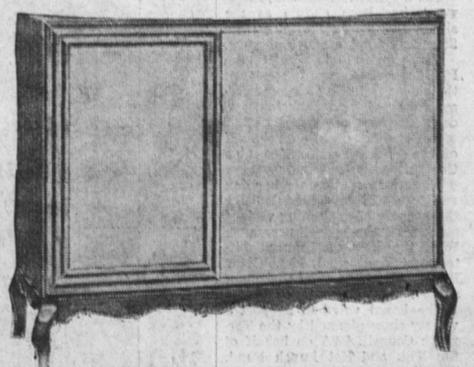
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